

United States Patent Application Serial No. 09/551,018  
Attorney Docket No. 478

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicants: Chongying Xu, et al.

Serial No: 09/551,018

Date Filed: April 18, 2000

Title: Silicon Reagents and Low Temperature CVD  
Method of Forming Silicon-Containing Gate  
Dielectric Materials Using Same

Group Art Unit: 1714

Examiner: Cephia D. Toomer

Confirmation No.: 2050

Customer No.: 25559

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It hereby is certified by the person identified below that this paper is being facsimile transmitted by such person to the Commissioner of Patents and Trademarks on the date specified, to the Assistant Commissioner for Patents, Washington, DC 20231, and Transmitted by Facsimile under the provisions of 37 C.F.R. 1.6(d).

  
Maggie Chappuis

May 1, 2003  
Date of Transmission

703-872-9310  
Facsimile Number

**AMENDMENT RESPONDING TO NOVEMBER 20, 2002 OFFICE ACTION IN U.S.  
PATENT APPLICATION NO. 09/551,018 AND  
PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. § 1.136**

Asst. Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 20, 2002, Applicant respectfully requests entry of the following Amendments and consideration of the subsequent remarks.

United States Patent Application Serial No. 09/551,018  
Attorney Docket No. 478

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>		)	
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<b>Applicants:</b>	<b>Chongying Xu, et al.</b>	)	<b>Group Art Unit: 1714</b>
		)	
<b>Serial No:</b>	<b>09/551,018</b>	)	<b>Examiner: Cephia D. Toomer</b>
		)	
<b>Date Filed:</b>	<b>April 18, 2000</b>	)	<b>Confirmation No.: 2050</b>
		)	
<b>Title:</b>	<b>Silicon Reagents and Low Temperature CVD</b>	)	<b>Customer No.: 25559</b>
	<b>Method of Forming Silicon-Containing Gate</b>	)	
	<b>Dielectric Materials Using Same</b>	)	

# FACSIMILE TRANSMISSION CERTIFICATE

It hereby is certified by the person identified below that this paper is being facsimile transmitted by such person to the Commissioner of Patents and Trademarks on the date specified, to the Assistant Commissioner for Patents, Washington, DC 20231, and transmitted by Facsimile under the provisions of 37 CFR 1.6(d).

Maggie Chappuis

May 1, 2003

Date of Transmission

703-872-9310

Facsimile Number

**SUBMISSION OF AMENDMENT IN RESPONSE TO APRIL 21, 2003 NOTICE OF  
NON-COMPLIANT AMENDMENT AND NOVEMBER 20, 2002 OFFICE ACTION IN  
U.S. PATENT APPLICATION NO. 09/551,018 AND  
PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. § 1.136**

Asst. Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice of Non-Compliant Amendment (Voluntary Revised Practice) dated April 21, 2003, applicant respectfully requests entry of the attached, corrected documents, which serve to correct the deficiencies set forth by the Office in such Notice, including:

United States Patent Application Serial No. 09/551,018  
Attorney Docket No. 478

a complete listing of all claims in the present amendment papers; and  
a listing of all claims in ascending numerical order.

The documents attached herewith are in full accordance with revised 37 C.F.R. §1.121.


Fees Due and Payable

Applicant does not believe that any fee is due in connection with the entry of this submission and/or corresponding amendment. However, should the Office determine any fee is due, the Office is hereby authorized to deduct such fee from the Deposit Account No. 50-0860 in the name of applicant, Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810.

Conclusion

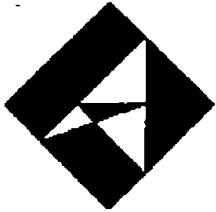
In the event that any issues remain outstanding, incident to the formal allowance of the Application, the Examiner is requested to contact the undersigned agent at (203) 794-1100 ext. 4184 to discuss their resolution, so that this application may be passed to issue at an early date.

Respectfully submitted.

  
Margaret Chappuis  
Registration No. 45,735  
Agent for Applicants

Advanced Technology Materials Inc.  
7 Commerce Drive  
Danbury CT 06810  
Telephone (203) 794-1100 ext 4184  
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Attorney Docket No. 478

A T M I



7 Commerce Drive, Danbury, CT 06810 203.794.1100 203.797.2544  
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## facsimile transmittance

To: Examiner Cephia D. Toomer Fax: 703-872-9310

From: Mag Chappuis Date: May 1, 2003

E-mail: [Mchappuis@atmi.com](mailto:Mchappuis@atmi.com) Pages: 19

Re: Response to Notice of Non-compliant cc:  
Amendment and Response to  
November 20, 2002 Official Action in  
United States Patent Application No,  
09/551,018

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Dear Examiner Toomer:

Please find attached a response to the November 20, 2002 Official Action in U.S. Application No. 09/551,018 for:

Silicon Reagents and Low Temperature CVD Method of Forming Silicon-Containing Gate Dielectric Materials Using Same

Including:

Submission of Non-Compliant Amendment – 2 sheets  
Response – 12 sheets  
Appendix A Cover – 1 sheet  
Appendix A Reference copy – 3 sheets  
Facsimile Transmittal Cover Sheet – 1 sheet

Please call 203-794-1100 ext. 4184 if there are any problems with this transmittal.

Maggie Chappuis  
ATMI, Inc.  
7 Commerce Drive  
Danbury, CT 06810  
203-794-1100 (telephone)  
203-797-2544 (facsimile)  
ATMI Docket: ATM-478

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